

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

In re Application of: Paul A. Iaizzo et al.
For: Pacing Method
Serial No.: 10/782,420
Filed: February 19, 2004



CERTIFICATE OF MAILING UNDER 37 CFR 1.8: I hereby certify that this INFORMATION DISCLOSURE STATEMENT and the paper(s), as described herein, are being deposited in the U.S. Postal Service, as first class mail, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 14th day of September, 2004.

Signature
Sue McCoy
Printed Name

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Information Disclosure Statement
- ☒ PTO FORM 1449
- ☒ Copies of the 1st pages of the cited references
- ☒ Return Postcard

FEE CALCULATION

- ☒ \$ 00.00 Pursuant to 37 CFR §1.97(b) (before mailing of first Office Action)
- ☐ \$ 00.00 Pursuant to 37 CFR §1.97(c) with Certification (cited in foreign application not more than 3 months earlier)
- ☐ \$ 00.00 Pursuant to 37 CFR §1.97(e) with Certification
- ☐ \$180.00 Pursuant to 37 CFR §1.97(c) without Certification
- ☐ \$180.00 Pursuant to 37 CFR §1.97(d) with Certification

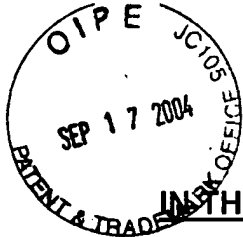
☐ Applicant hereby petitions for a _____ months' extension of time. If an additional extension of time is required, please consider this petition therefor.

☒ Applicant believes that no extension of time is required. However, if an extension of time is required, please consider this a petition therefor to provide for the possibility that applicant has inadvertently overlooked the need for an extension of time.

☒ Please charge any additional fees or credits to Deposit Account No. 13-2546 which may have been overlooked with regard to this filing. A duplicate of this transmittal is enclosed.

September 14, 2004
Date

Michael C. Soldner
Michael C. Soldner
Reg. No. 41,455
Telephone: (763) 514-4842
Customer No. 27581



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Paul A. Iaizzo et al.) Art Unit: 3762
)
Serial No.: 10/782,420) Examiner:
)
Filed: February 19, 2004) Docket: P-10756.02
	Conf No: 6294
For: PACING METHOD	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application.

Consideration of each of the documents listed on the attached Form 1449 is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicant further requests that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Date:

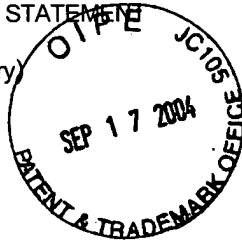
September 17, 2004

Respectfully submitted,

By:

Michael C. Soldner
Reg. No. 41,455
Telephone: (763) 514-4842
Customer No. 27581

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.:	SERIAL NO:
(Rev. 2-32)		P-10756.02	10/782,420
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT: Paul A. laizzo et al.	
		FILING DATE: February 19, 2004	GROUP: 3762



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE ISSUED	INVENTOR NAME	U.S. CLASS	U.S. SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	6,415,187	07/02/02	Kuzma et al.	607	116	
	AB	6,301,492	10/09/01	Zonenshayn	600	378	
	AC	2001/0020179 A1	09/06/01	Audoglio	607	127	
	AD	6,192,280 B1	02/20/01	Sommer et al.	607	122	
	AE	6,066,165	05/23/00	Racz	607	117	
	AF	5,987,746	11/23/99	Williams	29	876	
	AG	5,843,148	12/01/98	Gijsbers et al.	607	116	
	AH	5,709,644 A	01/20/98	Bush	600	3	
	AI	5,487,758	01/30/96	Hoegnelid et al.	607	123	
	AJ	5,443,492	08/22/95	Stokes et al.	607	131	
	AK	5,425,363	06/20/95	Wang	128	642	
	AL	4,819,662	04/11/89	Heil, Jr. et al.	128	786	
	AM	4,819,661	04/11/89	Heil, Jr. et al.	128	786	
	AN	4,784,161	11/15/88	Skalsky et al.	128	785	
	AO	4,784,160	11/15/88	Szilagy	128	784	
	AP	4,773,433	09/27/88	Richter et al.	128	784	
	AQ	4,711,251	12/08/87	Stokes	128	784	
	AR	4,677,989	07/07/87	Robblee	128	784	
	AS	4,606,118	08/19/86	Cannon et al.	29	825	
	AT	4,603,704	08/05/86	Mund et al.	128	784	
	AU	4,577,642	03/25/86	Stokes	128	784	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.: P-10756.02	SERIAL NO: 10/782,420
	APPLICANT: Paul A. Iazzo et al.	
	FILING DATE: February 19, 2004	GROUP: 3762

EXAMINER INITIAL		DOCUMENT NUMBER	DATE ISSUED	INVENTOR NAME	U.S. CLASS	U.S. SUB- CLASS	FILING DATE IF APPROPRIATE
	AV	4,562,846	01/07/86	Cox et al.	128	696	
	AW	4,506,680	03/26/85	Stokes	128	786	
	AX	4,149,542	04/17/79	Thoren	128	418	
	AY	4,026,303	05/31/77	Babotai	128	418	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE PUBLICATION	COUNTRY	INT. CLASS	INT. SUB- CLASS	TRANSLATION	
							YES	NO
	AZ	EP 0 795 343 A2	17.09.1997	EP	A61N	1/05		
	BA	EP 0 414 233 B1	23.10.1996	EP	A61N	1/05		

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	BB	Becker, A.E. et al., "Proximal Atrioventricular Bundle, Atrioventricular Node, and Distal Atrioventricular Bundle are Distinct Anatomic Structures With Unique Histological Characteristics and Innervation," <i>Circulation</i> , Vol. 103(b), p. e31 (13 February 2001)
	BC	Bharati, Saroja, "Anatomy of the Atrioventricular Conduction System," <i>Circulation</i> , Vol. 13(2), p. e63-e64 (27 March 2001)
	BD	Bharati, S. et al., "The Conduction System of the Swine Heart," <i>Chest</i> , Vol. 100, p. 207-12 (1991)
	BE	Chinchoy, E. et al., "Isolated Four-Chamber Working Swine Heart Model," <i>Ann. Thorac. Surg.</i> , Vol. 70, p. 1607-14 (2000)
	BF	Deshmuk, P. et al., "Permanent, Direct His-Bundle Pacing: A Novel Approach to Cardiac Pacing in Patients With Normal His-Purkinje Activation," <i>Circulation</i> , Vol. 101(8), p. 869-877 (29 February 2000)
	BG	Ho, S.Y. et al., "The Architecture of the Atrioventricular Conduction Axis in Dog Compared to Man - Its Significance to Ablation of the Atrioventricular Nodal Approaches," <i>Cardiovascular Electrophysiology</i> , Vol. 6, p. 26-39 (1995)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449	ATTY. DOCKET NO.:	SERIAL NO:
(Rev. 2-32)	P-10756.02	10/782,420
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		
APPLICANT: Paul A. laizzo et al.		
FILING DATE: February 19, 2004		GROUP: 3762

BH	Karpawich, P.P. et al., "Altered Cardiac Histology Following Apical Right Ventricular Pacing in Patients with Congenital Atrioventricular Block," <i>PACE</i> , Vol. 22, p. 1372-1377 (1999)
BI	Karpawich, P.P. et al., "Septal His-Purkinje Ventricular Pacing in Canines: A New Endocardial Electrode Approach," <i>PACE</i> , Vol. 15, p. 2011-2015 (1992)
BJ	Karpawich, P.P. et al., "Chronic Epicardial His Bundle Recordings in Awake Nonsedated Dogs: A New Method," <i>American Heart Journal</i> , Vol. 105, p. 16-21 (1983)
BK	Kucera, J.P. et al., "Mechanistic Insights Into Very Slow Conduction in Branching Cardiac Tissue – A Model Study," <i>Circulation Research</i> , Vol. 89, p. 799-806 (2001)
BL	Mazgalev, T.N. et al., "Anatomic-Electrophysiological Correlations Concerning the Pathways for Atrioventricular Conduction," <i>Circulation</i> , Vol. 103(22), p. 2660-2667 (5 June 2001)
BM	Racker, D.K. et al., "Proximal Atrioventricular Bundle, Atrioventricular Node, and Distal Atrioventricular Bundle are Distinct Anatomic Structures with Unique Histological Characteristics and Innervation," <i>Circulation</i> , Vol. 101, p. 1049-1059 (2000)
BN	Scheinman, M.M. et al., "Long-Term His-Bundle Pacing and Cardiac Function," <i>Circulation</i> , Vol. 101(8), p. 836 (29 February 2000)
BO	Williams, D.O. et al., "Selective Versus Non-Selective His Bundle Pacing," <i>Cardiovascular Research</i> , Vol. 10, p. 91-100 (1976)
BP	Zhang, Y. et al., "His Electrogram Alternans Reveal Dual-Wavefront Inputs Into and Longitudinal Dissociation Within the Bundle of His," <i>Circulation</i> , Vol. 104, p. 832-838 (2001)

EXAMINER	DATE CONSIDERED
EXAMINER:	Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.